ECS Configuration Change Request

Page 1 of   Page(s)

1. Originator Maryellen Corbett	2. Log Date: 2/14/02	3. CCR #: 02-0065A	4. Rev: A	5. Tel: 0703	6. Rm #: 2072C	7. Dept. SE

8. CCR Title: Web and Java Products for Data Pool and Synergy II External Subsetter: Rev. 1

9. Originator Signature/Date /s/ Maryellen Corbett 2/7/02	10. Class II	11. Type: CCR	12. Need Date: 02/15/2002

13. Office Manager Signature/Date /s/ Carolyn Whitaker 2/7/02	14. Category of Change: Initial ECS Baseline Doc.	15. Priority: (If "Emergency" fill in Block 27). Emergency

16. Documentation/Drawings Impacted: 914-TDA-179, 920-TDE-002, 920-TDG-002, 920-TDL-002, 920-TDN-002, 920-TDP-002, 920-TDV-002	17. Schedule Impact:	18. CI(s) Affected:

19. Release Affected by this Change: 6A	20. Date due to Customer:	21. Estimated Cost: None - Under 100K

22. Source Reference: ☐NCR (attach) ☐Action Item ☐Tech Ref. ☐GSFC ☐Other:

23. Problem: (use additional Sheets if necessary)
The Data Pool Web Access application is implemented in Java and runs on an apache web server. This custom software for the Synergy Release, having been tested in the EDF Functionality lab on f2ins01 and in the PVC on p0mss21, is now ready for deployment. The custom application requires a number of COTS products to be installed, including the Apache web server, Jakarta-Tomcat servlet engine, and additional freeware COTS required for java web app
JDBC and JDOM need to be installed on the following machines: e0pls03, g0pls01, l0pls02, n0pls02, p0pls01 and t1sps02 in order to support Synergy II External Subsetter custom code on Solaris 2.5.1.

24. Proposed Solution: (use additional sheets if necessary)
Revision of PSR document 914-TDA 179 is needed to support External Subsetter installation. A new delivery of the associated tar file is also required. See attached sheet.

25. Alternate Solution: (use additional sheets if necessary)
None

26. Consequences if Change(s) are not approved: (use additional sheets if necessary)
External Subsetter Custom Code will not function correctly without the COTS products installed.

27. Justification for Emergency (If Block 15 is "Emergency"):
Delivery needed for Data Pool and External Subsetter custom code, delivery needed as soon as possible.

28. Site(s) Affected: ☐EDF ☐PVC ☒VATC ☒EDC ☒GSFC ☒LaRC ☒NSIDC ☐SMC ☐AK ☐JPL ☐EOC ☐IDG Test Cell ☐Other

29. Board Comments:	30. Work Assigned To:	31. CCR Closed Date:

32. EDF/SCDV CCB Chair (Sign/Date): /s/ B. Peters 2/14/02	Disposition: **Approved** App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS

33. M&O CCB Chair (Sign/Date): /s/ G. Gavigan 2/14/02	Disposition: **Approved** App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS

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34. ECS CCB Chair (Sign/Date):	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS

CM01JA00 Revised 10/15/01   ECS/EDF/SCDV/M&O

ADDITIONAL SHEET

CCR #: 02-0065A   **Rev: A**   **Originator:** Maryellen Corbett

Telephone: 0703   **Office:** SE

Title of Change: Web and Java Products for Data Pool and Synergy II External Subsetter: Rev. 1

16. Documentation/Drawings Impacted:
      910-TDA-003   COTS Software Version Baseline
      910-TDA-023   Critical COTS Software List
      914-TDA-179, Rev. 01   Web and Java Products for Data Pool, Initial Release for the ECS Project
      920-TDE-002   Hardware-Software Map (EDC)
      920-TDG-002   Hardware-Software Map (GSFC)
      920-TDL-002   Hardware-Software Map (LaRC)
      920-TDN-002   Hardware-Software Map (NSIDC)
      920-TDP-002   Hardware-Software Map (PVC)
      920-TDV-002   Hardware-Software Map (VATC)

24. Proposed Solution:
Deliver the following COTS products to all sites and the VATC:
      Apache Web Server v1.3.22
      Tomcat v3.2.3
      JDBC API v2.0
      JDOM v1.0beta7
      Velocity v1.1
      WebGLIS v3.2.1

Install the Data Pool COTS on the xxmss20 machines at EDC, GSFC, LaRC, and NSIDC according to the instructions in 914-TDA-179. Install JDOM on the xxdig06 machines at the sites as well.
Install JDBC and JDOM on the following machines: e0pls03, g0pls01, l0pls02, n0pls02, p0pls01 and t1sps02 in order to support Synergy II External Subsetter custom code on Solaris 2.5.1.

Install the Data Pool COTS on t1mss06 in the VATC according to the instructions in 914-TDA-179, which is attached to this CCR. Install JDOM on t1dpg06 as well.

The new software package consists of the following two tar files.

Checksum	Size	Filename
1443304075	14683519	datapool_cots_feb02.tar.gz
3010284765	706201202	webglis_data.tar.gz

No license keys are required.

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